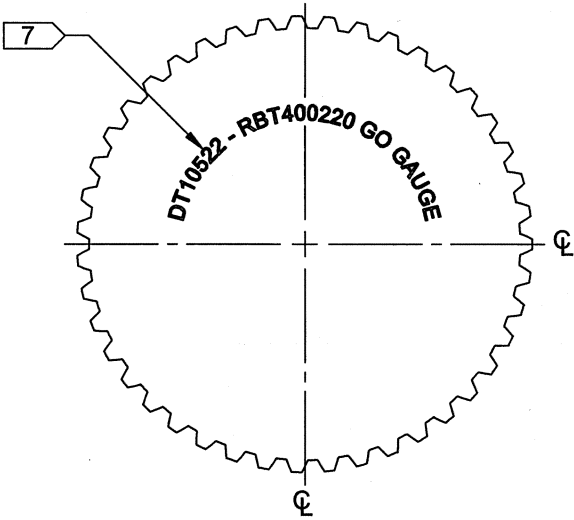
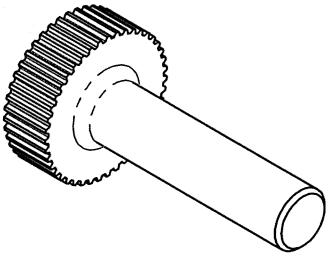
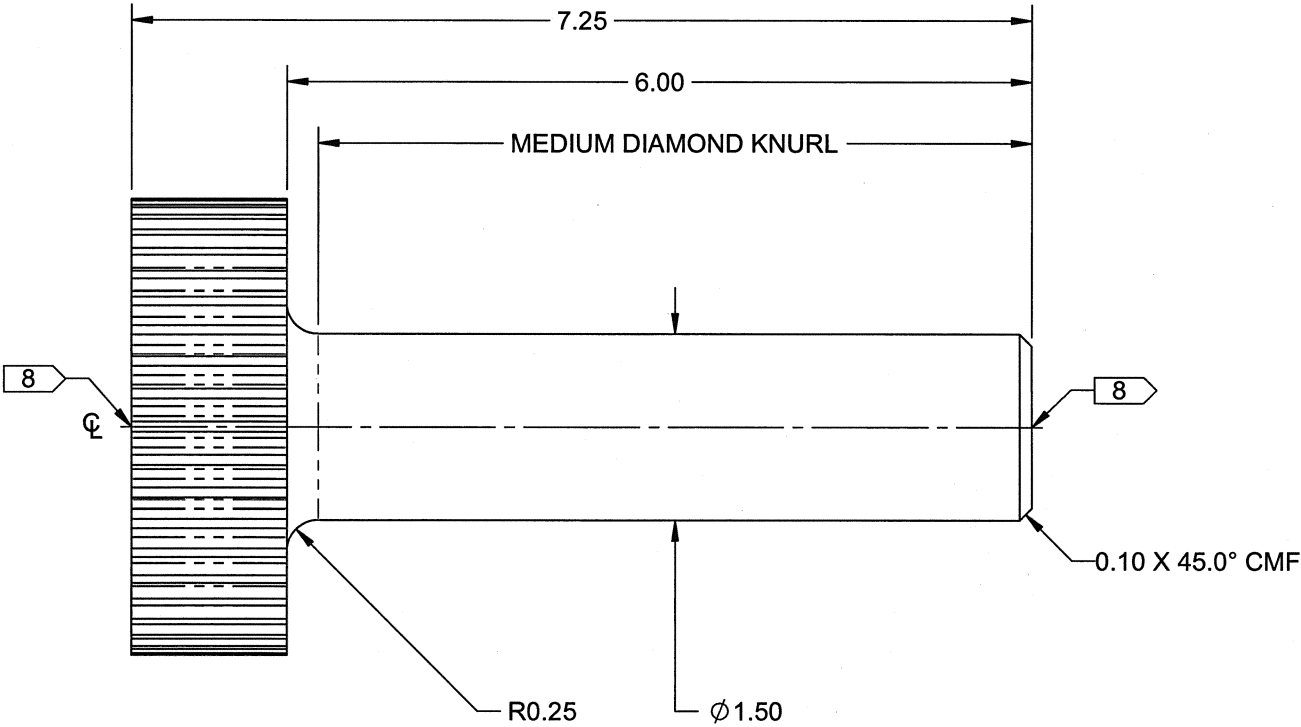


EXTERNAL INVOLUTE SPLINE DATA	
COMPOSITE PLUG GAUGE - GO SIDE FIT	
NUMBER OF TEETH	43
SPLINE PITCH	12/24
PRESSURE ANGLE	30°
BASE DIAMETER	3.103258 REF
PITCH DIAMETER	3.583333 REF
MAJOR DIAMETER	3.6745/3.6740
FORM DIAMETER	3.4928
MINOR DIAMETER	3.4800
CIRCULAR TOOTH THICKNESS	0.1312 REF
MEASUREMENT OVER PINS	3.8314 MIN
PIN DIAMETER	0.1600



DT10522 RBT400220 GO GAUGE



- NOTES:
- 1) MATERIAL: O1
 - 2) HEAT TREAT: 35-40 Rc
 - 3) FINISH: BLACK OXIDE PER MIL-C-13924 CLASS 1 THEN APPLY A THIN LAYER OF OIL / CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE III OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS
 - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
 - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 6) REMOVE ALL SHARP EDGES AND BURRS
 - 7) IDENTIFICATION: MACHINE ENGRAVE AS SHOWN THEN FILL WITH WHITE INK
 - 8) CENTER DRILL IS ACCEPTABLE

A	NEW ISSUE	19-790	KPT
REV.	DESCRIPTION	ECN #	BY
DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	MBB	TOOL PART #	REV. A
MFG. APPR.	DP	DT10522	SHEET 1 OF 1
APPROVED		TITLE	SCALE
		RBT400220 GO GAUGE	NTS
DATE	15/08/2019	COPYRIGHT © 2019 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	